Claim 1. (cancelled)

Claim 2. (cancelled)

Claim 3. (cancelled)

Claim 4. (currently amended). The seat control system of ~~Claim 3 wherein~~ Claim 34 wherein said means to determine the position of the seat is a pressure sensor operatively disposed relative to said inflatable seat support and said means to determine the position of the back rest is a pressure sensor operatively disposed relative to said inflatable back support to sense the pressure within said inflatable seat and said inflatable back support to generate corresponding signals in response to the pressures therein indicative of the position of said inflatable seat support and said inflatable back support respectively.

Claim 5. (original) The seat control system of Claim 4 further including an air vacuum operatively coupled to said inflatable seat support and said inflatable back support to selectively deflate said inflatable seat support and said inflatable back support.

Claim 6. (original) The seat control system of Claim 5 wherein said system control further includes an air supply flow control valve to selectively feed air to said inflatable seat support and said inflatable back support, a

discharge flow control to selectively discharge air from said inflatable seat support and said inflatable back support valve in response to said pressure sensors connected to said microprocessor.

Claim 7. (currently amended). The seat control system of ~~Claim 3 wherein~~ Claim 34 wherein the seat configuration is recorded with respect to time.

Claim 8. (original) The seat control system of Claim 7 wherein the seat configuration is recorded with respect to duration.

Claim 9. (original) The seat control system of Claim 8 wherein the seat configuration is compared to a prescribed activity regiment and said system control generates an indication when the seat activity varies from said prescribed activity regiment.

Claim 10. (original) The seat control system of Claim 9 wherein said system control monitors and records the seat configuration when the powered wheelchair is occupied.

Claim 11. (currently amended). The seat control system of ~~Claim 2 wherein~~ Claim 34 wherein the position of the seat and back rest are recorded independently with respect to time.

Claim 12. (original) The seat control system of Claim 11 wherein the position of the seat and back rest are recorded independently with respect to duration.

Claim 13. (currently amended). The seat control system of ~~Claim 2 wherein~~ Claim 34 wherein said system control includes means to activate said seat and back rest positioning mechanisms in a predetermined pattern to the reposition of the occupant's body and limbs with respect to time.

Claim 14. (cancelled)

Claim 15. (cancelled)

Claim 16. (cancelled)

Claim 17. (cancelled)

Claim 18. (cancelled)

Claim 19. (cancelled)

Claim 20. (cancelled)

Claim 21. (cancelled)

Claim 22. (cancelled)

Claim 23. (cancelled)

Claim 24. (cancelled)

Claim 25. (cancelled)

Claim 26. (cancelled)

Claim 27. (cancelled)

Claim 28. (cancelled)

Claim 29. (cancelled)

Claim 30. (cancelled)

Claim 31. (cancelled)

Claim 32. (currently amended) The seat control system of ~~Claim 3~~ ~~wherein~~ Claim 34 wherein the position of the seat and back rest are recorded independently with respect to time.

Claim 33. (original) The seat control system of Claim 32 wherein the position of the seat and back rest are recorded independently with respect to duration.

Claim 34. (new). A seating control system to selectively position and monitor the configuration of the seat and back rest of a powered wheelchair including a seat and a back rest adjustably supported on a carriage having a

drive mechanism to power the powered wheelchair, said seating control system comprises a seat positioning mechanism and a back rest positioning mechanism to selectively position the seat and the back rest relative to the carriage and a system control including an input control and a microprocessor to control, monitor and record the position of the seat and the back rest relative to the carriage and to selectively retrieve the recorded seat configuration, said system control including a means to determine the position of the seat and to generate a seat position signal indicative of the position of the seat relative to the carriage and a means to determine the position of the back rest and to generate a back rest position signal indicative of the position of the back rest relative to the carriage and said seat position mechanism comprising an inflatable seat support and said back rest position mechanism comprises an inflatable back support coupled to an air pressure source to selectively inflate said inflatable seat support and said inflatable back support.